| Index of Claims |  |
|-----------------|--|
|                 |  |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/714,291              | HINTERMEIER ET AL.                      |
| Examiner                | Art Unit                                |
| Duc M. Nguyen           | 2618                                    |

| 1 | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     | 1 | Interference | 0 | Objected |

| CI   | aim                | П                 |           |                 | Di      | ate                |                     |                    | ]        | CI           | aim        |                    |                      |                    | Da  | ate      |              |                   |          |               | CI        | aim        | Г                  |            |              | [         | Date            | ,        |               |   | $\neg$   |
|--|--------------------|-------------------|-----------|-----------------|---------|--------------------|---------------------|--------------------|----------|--------------|------------|--------------------|----------------------|--------------------|---|----------|--------------|-------------------|----------|---------------|-----------|------------|--------------------|------------|--------------|-----------|-----------------|----------|---------------|---|----------|
|  | <u>a</u>           | ß                 | 10        | П               | Т       |                    | $\prod$             | $\prod$            | 1        |              | B          | Π                  | П                    | 1                  |   | Τ        |              |                   |          |               | _         | al         | 2                  |            |              |           |                 |          | T             | Т   | ٦        |
| Final  | Original           | 5/9/08            | 1/2       | 1 1             |         |                    |                     |                    |          | Final        | Original   |                    | IJ                   |                    |   |          |              |                   |          |               | Final     | Original   | 11/20              | 1          |              |           |                 | ı        |               |   |          |
| -  |                    | ľ                 | 4         |                 |         |                    | li                  |                    |          | "            | ō          |                    |                      |                    |   |          | 1            |                   | 1        |               |           | ŏ          | 96                 | 1          | l            |           |                 | ı        |               | - 1   |          |
| T  | <b>(i)</b>         | V.                | इ         | $\Box$          | $\top$  | $\top$             | $\top$              | $\neg$             | 1        |              | 54         | Т                  | П                    | _                  | 十   | $\top$   | 1            | П                 | ٦        |               | 6         | 101        | =                  | ١.         | $\vdash$     | Н         |                 | 寸        | $\dashv$      | 十   | $\dashv$ |
| 2  | 2                  | 7                 | 3         |                 |         |                    | $\Box$              |                    |          |              | 52         |                    | П                    |                    | $\perp$   | T        |              |                   |          |               | 16        | 102        | I                  |            |              |           |                 |          | $\neg$        | $\top$  | 7        |
| 3  | 3                  | 1                 | П         |                 |         |                    | $\sqcup$            | $\perp$            |          |              | 53         |                    | Ш                    |                    | $\perp$   |          |              |                   |          |               | 26        | 103        | $\prod$            |            |              |           |                 | $\Box$   | $\Box$        | $\Box$  | _        |
| 7  | 4                  | 0                 | 11        | $\vdash \vdash$ | -       | 4_                 | +                   | -                  | -        | <u> </u>     | 5          | ↓                  | $\sqcup$             | $\dashv$           | -   | 4        | ╄-           | $\sqcup$          | _        |               | 7ع        | 104        | Щ                  | ┞          | <u> _</u>    |           |                 | _        | _             | 4   | _        |
| 4  | 5<br>6             | 0                 | ₩         | $\vdash$        | +       | +                  | +                   | +                  | -        | <del> </del> | 55         | ⊢                  | Н                    | $\dashv$           | +   | +        | ╀            | -                 | -        |               | 28        | 105        | ₩                  | ⊢          | <b> </b>     | Н         |                 |          | $\dashv$      | +   | 4        |
| 17   | (7)                | Ť                 | -         | $\vdash$        | ╁       | +-                 | ╁╌╁                 | +                  | -        | <u> </u>     | 56<br>57   | ╁                  | Н                    | $\dashv$           | +   | +        | ╁            | H                 | $\dashv$ |               | 29<br>30  | 106<br>107 | ₩                  | -          | -            | -         | $\dashv$        |          | $\dashv$      | +   | $\dashv$ |
| 18   | 8                  | Ż                 | ,         | H               | +       | $\top$             | 1 1                 |                    | ┧Ш       |              | 58         | +                  | H                    | -+                 | +-  | ╅        | ╁            | Н                 | ┨        |               | 31        | 108        | ╫                  | -          | ┢            | Н         | $\dashv$        | ┪        | $\dashv$      | +   | ┥        |
| 19   | 9                  | 1                 | Ħ         | $\vdash$        | $\top$  | $\top$             | 11                  | 十                  | 1        | -            | 59         | Τ-                 | Ħ                    | 十                  | 十   | +-       | 1            | $\vdash$          | $\dashv$ |               | 200       | 109        | $\dagger$          | Т          |              | Н         | $\dashv$        | ┪        | 十             | 十   | $\dashv$ |
| हुनु   | 10                 | 0                 | $\coprod$ |                 | $\Box$  |                    |                     |                    | ]        |              | 60         |                    |                      | $\Box$             | $\perp$   |          |              | П                 |          |               | 91        | 110        |                    |            |              |           |                 |          | コ             | $\Box$  | ╛        |
| 24   | 11                 | 0                 | Щ         | П               | $\perp$ |                    | $\Box$              |                    | _        | <u> </u>     | 61         | $\Box$             | П                    | $oldsymbol{\perp}$ | $oldsymbol{\perp}$                                | 1        | L            |                   |          |               | 22        | 111        | $oldsymbol{\perp}$ |            |              |           |                 | ┚        | $\Box$        | $\Box$  |          |
| 25   | 12                 | 0                 | 1         | $\vdash$        | $\perp$ | $\bot$             | $\sqcup$            | -                  | 4        | <u> </u>     | 62         | $\perp$            | Ш                    | 4                  | 4   | _        | Ļ.           | Щ                 | _        |               | 32<br>40  | 112        | 4                  | L          | L            |           |                 |          | $\bot$        |   | _        |
| 33   | (13)               | ٧                 | 5         | $\vdash \vdash$ | +       | +                  | ₩                   | +                  | 4        | <b> </b>     | 63         | ⊢                  | $\sqcup$             | -                  | 4   | +        | ╄            | $\vdash \vdash$   | _        |               | 40        | 113        | 4                  | ⊢          | <b> </b>     | Щ         | $\square$       | 4        | $\dashv$      | $\dashv$  | 4        |
| 34   | 14                 | #                 | ₩         | ┝               | +       | +                  | $\vdash$            | +                  | -        | <del> </del> | 64<br>65   | $\vdash$           | ⊢⊦                   | +                  | +   | +        | +            | $\vdash \vdash$   | 4        |               | 41        | 114        | +                  | ├          | <del> </del> | Н         | $\vdash \vdash$ |          | +             | +   |          |
| 34<br>39   | 16                 | $\dagger \dagger$ | #         | $\vdash \vdash$ | +       | +                  | +                   |                    | 1        | $\vdash$     | 66         | 1                  | $\vdash \vdash$      | +                  | +   | +        | +            | $\vdash \vdash$   | $\dashv$ |               | 43        | 115<br>116 | $\dashv$           | ┼          | $\vdash$     | Н         | ┝╾┥             |          | $\dashv$      | +   | $\dashv$ |
| 47   | 16<br>(17)         | V                 | 5         |                 | +       | 十                  | $\vdash$            | 十                  | 1        |              | <b>a</b> 7 | 1                  | $\vdash$             | $\dashv$           | +   | ╅        | T            | $\vdash \vdash$   | -        |               | ¥         | 117        | $\forall$          | $\vdash$   | $\vdash$     | Н         | $\dashv$        | ᅥ        | $\dashv$      | +   | $\dashv$ |
| 48   | 18                 | L                 | L         | 口               | 士       | T                  |                     | ╛                  | ]        |              | 68         | T                  | ┌┤                   | $\Box$             | $\top$  | $\top$   | 1            |                   | $\dashv$ |               | 45        | 118        | 廾                  | $\vdash$   | Г            | H         | $\dashv$        | ヿ        | $\dashv$      | 十   | $\dashv$ |
| 49<br>3  | 19                 | П                 | Π         |                 | $\Box$  |                    |                     |                    |          |              | 68<br>69   |                    |                      |                    | $\perp$   | I        |              |                   |          |               | 36        | 119        | T                  |            | Г            |           |                 |          | ヿ             | $\dashv$  | ヿ        |
| 13   | 20<br>21)          | П                 | П         |                 |         |                    | П                   |                    |          |              | 70         |                    |                      | $\Box$             | $\perp$   |          |              |                   |          |               | 37        | 120        | I                  |            |              |           |                 |          | $\Box$        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |
| 61<br>62<br>63                                   | [67]               | ľ                 | Ξ         | _               | 4       | $\perp$            | $\sqcup$            |                    | J        | <u> </u>     | 11         | <u> </u>           | Ц                    | 4                  | 4   | 1        | <del> </del> |                   | _        |               | 38<br>46  | 121        | $\perp$            |            |              | Ц         | $\Box$          | _        | ightharpoonup | $\perp$   |          |
| <u>88</u>  | 22                 | <del> </del>      | H         | $\vdash$        | +       | -                  | $\vdash$            | - -                |          |              | 1/2        | -                  | Н                    | 4                  | +   | +-       | -            | $\vdash \vdash$   |          |               | 46        | 122        | $\downarrow$       | <b> </b> _ |              | Щ         | $\dashv$        |          | $\dashv$      | 4   | 4        |
| 6.5  | 23<br>24           | 0                 | ₩         | -               | ┰       | +                  | +                   | +                  | ł        | <u> </u>     | 73<br>74   | $\vdash$           | H                    | -                  | +   | ╀        | ╀            | $\vdash$          | -        |               | <u>(4</u> | 123        | ╀                  | ├          | Ш            | -         |                 |          | $\dashv$      | +   | 4        |
| 67   | 25                 | 0                 | ╁         | -               | +       | ╅                  | ╅                   | +                  | ┨        |              | 75         | $\vdash$           | Н                    | +                  | +-  | +        | ╫            | $\vdash$          |          | ⊪             | 33        | 124<br>125 | ⊬                  | Н          | _            |           |                 | $\dashv$ | +             | +   | $\dashv$ |
| 139  | 26                 | õ                 | H         |                 | +       | 1                  |                     | $\top$             | 1        | $\vdash$     | 76         | H                  | Н                    | $\dashv$           | ╅   | ╅╴       | 1            | H                 | ╣        |               | 57        | 126        | ۲                  |            | Н            | Н         | $\dashv$        | $\dashv$ | 十             | +   | $\dashv$ |
| 76   | 26<br>(27)<br>28   | V                 | =         |                 | 1       |                    |                     |                    |          |              | 77         | T                  | П                    | 7                  | 丁   |          | T            | H                 | 7        |               | রৈ        | 127        |                    |            |              |           |                 | 寸        | 十             | $\top$  | ┥.       |
| 77   | 28                 | 7                 | 1         |                 |         |                    |                     |                    |          |              | 78         |                    | $\Box$               | $\Box$             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |              |                   |          |               | 59<br>54  | 128        |                    |            |              |           |                 |          | $\Box$        | 工   |          |
| 78   | 29                 | ٧                 | Щ         |                 | 4-      | $\bot$             | $\Box$              |                    |          |              | 79         | $oxed{}$           | Ц                    | ightharpoonup      | $\perp$   |          |              | Ц                 | _        |               | 3         | 129        |                    |            |              |           |                 |          | $\Box$        | $\Box$  |          |
| <b>79</b>  | 30                 | 0                 | Н         | $\vdash$        | 4-      |                    | $\vdash$            | +                  | 4        |              | 80         | ┡                  | $\vdash \vdash$      | 4                  | +   | +        | ↓_           | $\vdash$          |          |               | C         | 130        | _                  |            |              |           |                 | _        | 4             | 4   | 4        |
| X 5<br>X 5                                       | 30<br>(31)<br>(32) | <u>.</u>          | Ξ         | $\vdash$        | +       | +                  | ╁╌┼                 |                    |          |              | 81<br>82   | ╁                  | $\vdash \vdash$      | +                  | +   | +-       | ╀            | $\vdash \vdash$   | -        |               | 5         | 131        | $\vdash$           | -          | L            | Н         | $\dashv$        | 4        | +             | +   | 4        |
| 86   | 33                 | H                 | 1         | $\vdash$        | +       | +                  | ┰                   | +                  | 1        |              | 83         | $\vdash$           | ${oldsymbol{ech}}$   | $\dashv$           | +   | ╁        | +-           | ⊢┼                |          |               | 60<br>70  | 132<br>133 | ⊬                  | $\vdash$   | H            | Н         | $\dashv$        | -        | +             | +   | $\dashv$ |
| 86<br>87   | 34                 | $\dagger$         | H         | $\dashv$        | $\top$  | +                  | † †                 | _                  | 1        |              | 84         | Н                  | H                    | $\dashv$           | +   | +        | T            | $\vdash \vdash$   | ┨        |               | 71        | 134        | +                  |            | Н            | Н         | $\dashv$        | $\dashv$ | +             | 十   | $\dashv$ |
| 188  | 35                 | I                 |           |                 |         | I                  |                     |                    | 1        |              | 84<br>85   |                    |                      |                    | 丁   |          |              |                   | ۱        |               | 72        | 135        | $\top$             | Г          | П            | Н         | ╛               | ┪        | 十             | 十   | 7        |
| 89   | (36)               | ٧                 | 1,        | $\Box$          | $\perp$ | T                  | П                   |                    | ]        |              | 86<br>87   |                    |                      | $\Box$             | $\perp$   | oxdot    |              |                   |          |               | 13        | 136        | T                  |            |              |           |                 |          | $\Box$        | 工   |          |
| 90   | 37                 | 1                 | 1         | $\Box$          | $\perp$ | 1-                 | Ш                   | $\bot$             | Į I      |              | 87         | Ш                  | $\coprod$            | $\supset$          | Ţ   | $\perp$  | oxdot        |                   | ╝        |               | 74        | 137        | $\perp$            | 匚          |              |           | $\Box$          | $\Box$   | ユ             | I   | $\Box$   |
| 91   | 38                 | <b>V</b>          | 1         | $\dashv$        | +       | +                  | $\vdash \downarrow$ | +                  | <b> </b> | <u> </u>     | 88 88      | Ш                  | $\vdash \vdash$      | $\dashv$           | +   | 4        | ↓_           | $\sqcup$          | _        |               | 75        | 138        | $\perp$            | L          | Ш            |           | _               | 4        | 4             | 4   | 4        |
| 92   | 39                 | V                 | 1         | +               | +       | +                  | ╂╌╂                 |                    | ı        | <b></b>      | 90         | $\vdash$           | ${oldsymbol{arphi}}$ | $\dashv$           | +   | +-       | +-           | $\vdash$          |          | <b></b>       | 64        | 139        | +                  | Н          | Н            | $\vdash$  | -               | $\dashv$ | +             | +   | $\dashv$ |
| -  | 40                 | -                 | $\vdash$  | +               | +       | +                  | ╁╌┼                 | +                  | 1        | $\vdash$     | 91         | Н                  | $\vdash$             | $\dashv$           | +   | ╁╌       | $\vdash$     | $\vdash$          | $\dashv$ | ⊪             | 65        | 140<br>141 | +                  | $\vdash$   | Н            | H         | -               | $\dashv$ | +             | +   | $\dashv$ |
| <u> </u>   | 142                |                   | Н         | $\dashv$        | +       | +                  | +                   | +                  | 1        |              | 92         | H                  | $\vdash$             | +                  | +   | +-       | +            | $\dashv$          | -        | H             | 66<br>84  | 142        | +                  | $\vdash$   | H            | $\vdash$  | ᅱ               | $\dashv$ | +             | +   | $\dashv$ |
|  | 42<br>43<br>44     |                   |           | $\Box$ †        | _       | 1                  | $\top \uparrow$     | $\neg$             | 1        | 10           | 93         | =                  | H                    | 十                  | 十   | +        | Н            | $\vdash \uparrow$ | -        | ⊪             | 791       | 143        | 1                  | Н          | Н            | $\vdash$  | ᅥ               | 寸        | +             | +   | $\dashv$ |
|  | 44                 |                   |           |                 |         |                    |                     |                    |          | 11           | 94         |                    |                      | 丁                  | I   | I        |              |                   |          |               | 80        | 144        | •                  |            |              |           | J               | 寸        | 士             | 士   | J        |
|  | 45                 |                   |           | $\perp$         | $\perp$ | $oldsymbol{\perp}$ | П                   | $oldsymbol{\perp}$ |          | 12           | 95         | Ш                  |                      | $\Box$             | I   |          |              |                   |          |               | 81        | 145        | =                  |            |              |           | $\Box$          | $\Box$   | $\Box$        | $\Box$  |          |
| <b> </b>   | 45                 | $\vdash$          | Щ         | $\dashv$        | +       | +-                 | $\sqcup$            |                    |          | 13           | 96         | Ш                  | $\sqcup$             | 1                  | 4   | <u> </u> | $\sqcup$     |                   | Ц        | ıţ            |           | 146        |                    | $\square$  |              |           | 耳               | $\bot$   | $\bot$        | $\perp$   | ┙        |
| <b></b>  | 47                 | $\vdash$          | $\vdash$  | +               | +       | +                  | $\vdash \vdash$     |                    | ╢        | 1            | 97         | Ш                  | $\dashv$             | +                  | +   | +-       |              | $\dashv$          | 4        |               |           | 147        |                    | Ш          | Ш            | $\square$ | _               | 4        | $\dashv$      | 4   | _        |
| <del> </del>                                     | 4B<br>49           | $\vdash$          | Н         | +               | +       | +                  | +                   | +                  | ╢        | 15           | 98<br>99   | <del>       </del> | $\vdash \vdash$      | +                  | +   | +        | ₽            | -+                | -4       |               |           | 148        |                    | Н          | Н            |           | -               | $\dashv$ | -             | +   | 4        |
| <del>                                     </del> | 50                 | $\vdash$          | Н         | $\dashv$        | +       | +                  | +                   | +                  | ł        | 1            | 100        | <b>◊</b><br>=      | $\dashv$             | +                  | +   | ┿        | $\vdash$     | +                 | -        | 1             |           | 149        | -                  | Н          | Н            | $\dashv$  | $\dashv$        | $\dashv$ | +             | +   | $\dashv$ |
| ш  | 1 30               | Щ.                | ш         |                 |         | Щ.                 |                     | L                  | J:::::   | ليا          | 100        | لحًا               | ш                    |                    |   |          | L            | Ц.                | :        | :::: <b>[</b> |           | 150        |                    | لـــا      | Ш            |           |                 |          | ᆚ             | 丄   | ┙        |